FIG. 1

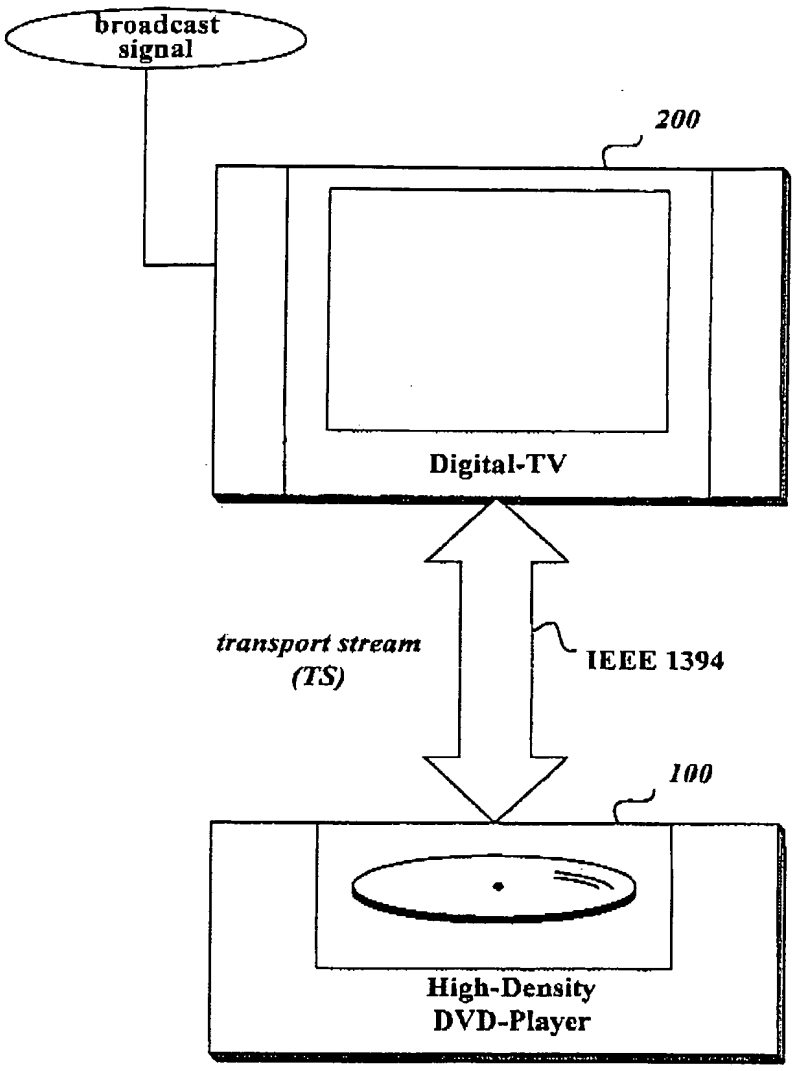

broadcast signal
200
Digital-TV
transport stream (TS)
IEEE 1394
100
High-Density DVD-Player

FIG. 2

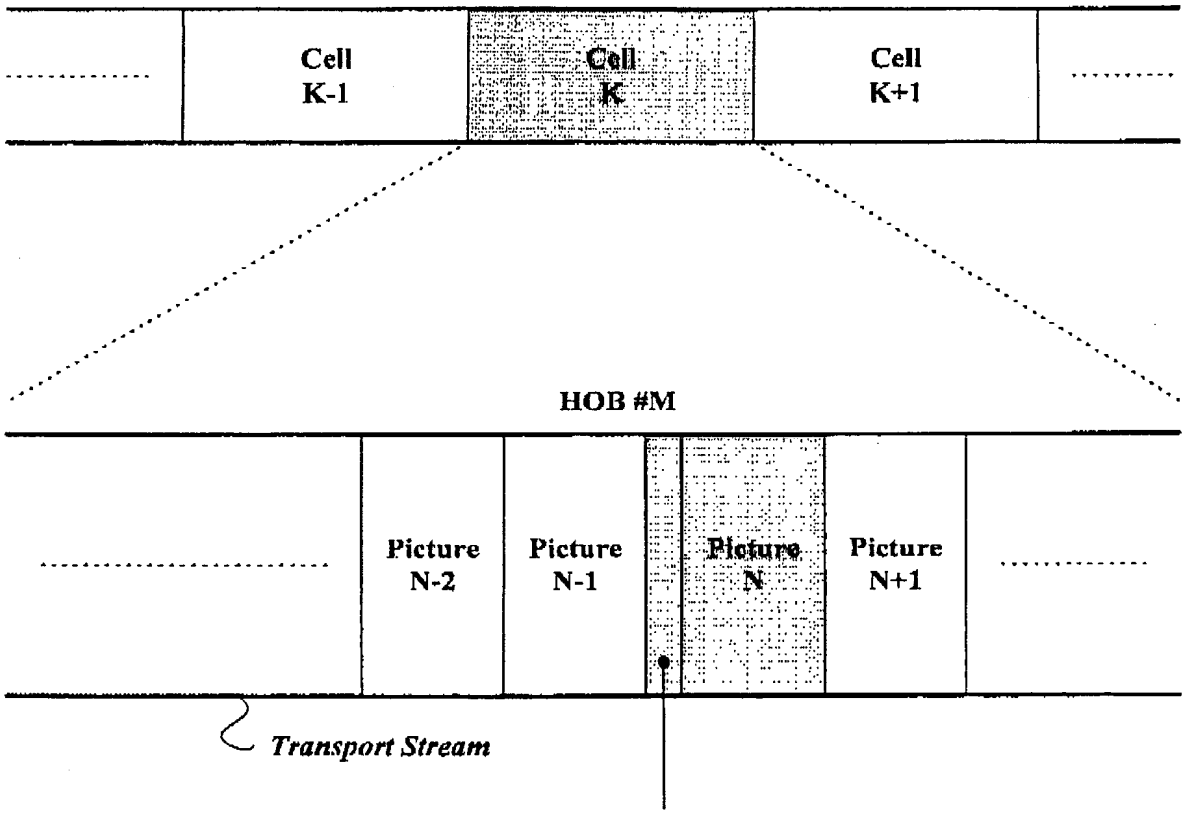

Cell
K-1
Cell
K
Cell
K+1
HOB #M
Picture
N-2
Picture
N-1
Picture
N
Picture
N+1
Transport Stream
a still packet which may include duration information

FIG. 3A

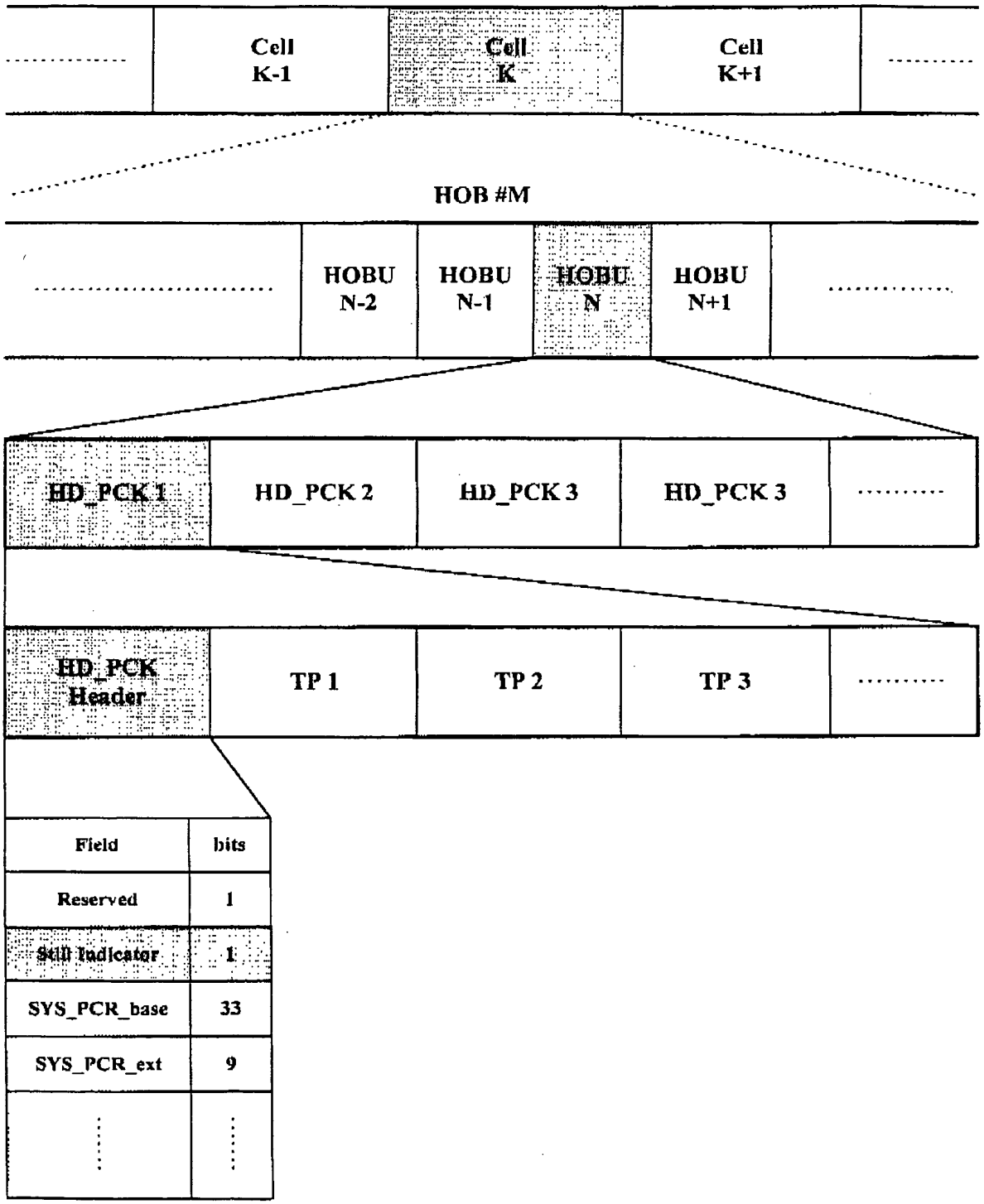

Cell K-1
Cell K
Cell K+1
HOB #M
HOBU N-2
HOBU N-1
HOBU N
HOBU N+1
HD_PCK 1
HD_PCK 2
HD_PCK 3
HD_PCK 3
HD_PCK Header
TP 1
TP 2
TP 3
Field
bits
Reserved
1
Still Indicator
1
SYS_PCR_base
33
SYS_PCR_ext
9

FIG. 3B

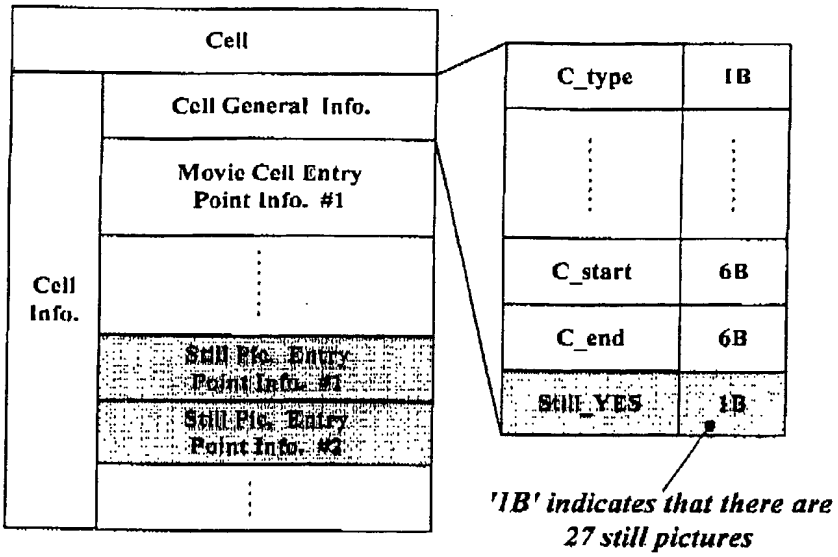
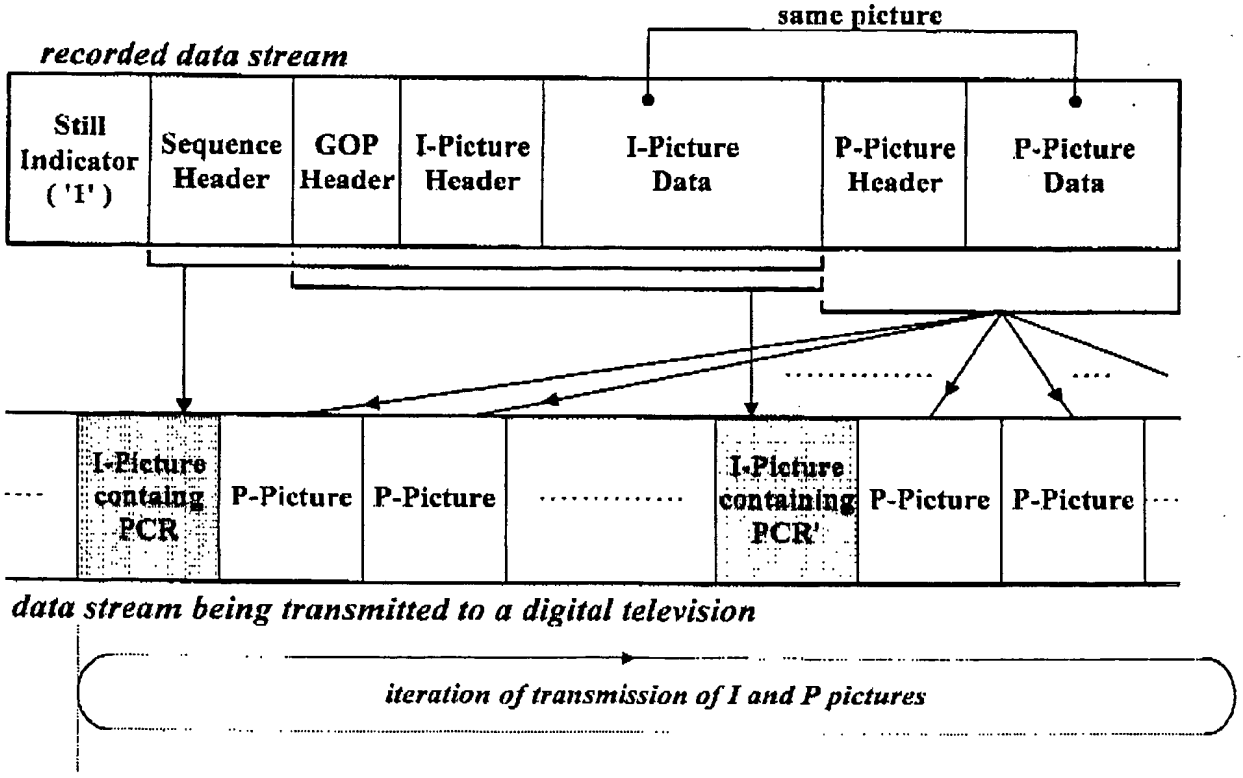

Cell
Cell Info.
Cell General Info.
Movie Cell Entry Point Info. #1
Still Pic. Entry Point Info. #1
Still Pic. Entry Point Info. #2
C_type
1B
C_start
6B
C_end
6B
Still_YES
1B
'1B' indicates that there are 27 still pictures

FIG. 4


recorded data stream
same picture
Still Indicator ('1')
Sequence Header
GOP Header
I-Picture Header
I-Picture Data
P-Picture Header
P-Picture Data
I-Picture containg PCR
P-Picture
P-Picture
I-Picture containing PCR'
P-Picture
P-Picture
data stream being transmitted to a digital television
iteration of transmission of I and P pictures